

Kindly amend the application as follows:

IN THE SPECIFICATION

Please substitute pages 1-34 with pages 1-41 submitted herewith.

IN THE CLAIMS

Please amend claims 1, 2-5, 8-20 as follows:

AI
1. (Amended) A recombinant DNA molecule comprising a regulatory sequence of a promotor active in plants and a DNA sequence encoding a 2-deoxyglucose-6-phosphate (2-DOG-6-P) phosphatase operably linked thereto.

2. (Amended) The recombinant DNA molecule of claim 1, wherein the DNA sequence is selected from the group consisting of:

(a) a DNA sequence which encodes the amino acid sequence of SEQ ID NO: 2;

(b) a DNA sequence of SEQ ID NO: 1;

(c) a DNA sequence which hybridizes under stringent conditions to a complementary strand of the DNA sequence of (a) or (b);

(d) a DNA sequence which is degenerate to the DNA sequence of (b) or (c); and

(e) a DNA sequence encoding a polypeptide amino acid sequence that is at least 90% identical to the amino acid sequence of SEQ ID NO: 2 and having 2-DOG-6-P phosphatase activity.

3. (Amended) The recombinant DNA molecule of claim 1 or 2, wherein the DNA sequence is obtained from yeast.